

**Interlaboratory Results - Test #5**  
**April 90 - October 90**

Table I.

"Tar"

Sample	C1		C2		C3		C4		C5		C6		C7	
Laboratory	X	S	X	S	X	S	X	S	X	S	X	S	X	S
American	1.0	0.2	5.3	0.3	8.5	0.3	12.2	0.5	17.2	0.5	18.2	0.6	17.1	0.4
B & W	1.2	0.1	5.3	0.3	8.3	0.2	11.4	0.5	16.1	0.5	17.8	0.6	17.1	0.3
L & M	1.2	0.1*	5.7	0.2*	8.5	0.2*	12.3	0.1*	16.4	0.4*	18.2	0.5*	17.4	0.5*
Lorillard	0.9	0.2	5.6	0.3	8.3	0.5	12.3	0.7	16.6	0.6	18.5	0.5	17.0	0.5
P. Morris	1.3↑	0.3	5.8↓	0.4	8.2↓	0.3	12.0↓	0.6	16.6	0.5	18.0↓	0.7	17.4↑	0.7
R. J. Reynolds	1.2	0.1	5.5	0.3	8.9	0.4	12.0	0.4	16.2	0.7	18.5	0.5	17.0	0.5
TITL	1.0	0.2	5.5	0.3	8.8	0.4	12.2	0.4	16.8	0.5	18.8	0.4	18.3	0.7
Average	1.1	0.2	5.5	0.3	8.5	0.3	12.1	0.5	16.6	0.5	18.3	0.5	17.3	0.5

Table II.

"Nicotine"

Sample	C1		C2		C3		C4		C5		C6		C7	
Laboratory	X	S	X	S	X	S	X	S	X	S	X	S	X	S
American	0.14	0.01	0.51	0.02	0.72	0.02	1.03	0.03	1.22	0.04	1.45	0.03	1.29	0.04
B & W	0.16	0.04	0.49	0.02	0.73	0.01	0.98	0.03	1.17	0.04	1.41	0.04	1.24	0.04
L & M	0.14	0.01*	0.51	0.01*	0.72	0.02*	0.99	0.02*	1.15	0.02*	1.43	0.02	1.24	0.02*
Lorillard	0.17	0.01	0.54	0.03	0.78	0.04	1.11	0.04	1.25	0.03	1.59	0.05	1.31	0.03
P. Morris	0.13↓	0.01	0.50	-0.03	0.71↓	0.03	0.99↓	0.04	1.15↓	0.08	1.41↓	0.11	1.26	-0.05
R. J. Reynolds	0.13	0.02	0.47	0.03	0.71	0.03	0.98	0.06	1.11	0.08	1.41	0.07	1.21	0.04
TITL	0.14	0.01	0.49	0.02	0.73	0.02	0.99	0.03	1.17	0.03	1.44	0.04	1.27	0.04
Average	0.14	0.02	0.50	0.02	0.73	0.02	1.01	0.04	1.17	0.05	1.45	0.05	1.26	0.04

Combined samples

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**Table III.**

Sample	Carbon Monoxide													
	C1		C2		C3		C4		C5		C6		C7	
Laboratory	X	S	X	S	X	S	X	S	X	S	X	S	X	S
American	2.2	0.2	8.5	0.4	8.8	0.5	11.2	0.4	15.4	0.6	18.4	0.5	16.5	0.6
B & W	1.8	0.2	7.4	0.6	7.8	0.2	9.8	0.8	13.9	0.7	17.0	0.9	16.3	0.7
L & M	2.2	0.1	8.3	0.5	8.9	0.4	11.3	0.6	15.1	0.7	18.1	0.8	17.6	0.7
Lorillard	2.2	0.3	8.4	0.6	8.6	0.3	10.6	0.5	14.5	0.6	18.0	0.7	15.9	0.6
P. Morris	2.1 <sup>V</sup>	0.1	7.8 <sup>V</sup>	0.8	8.1 <sup>V</sup>	0.3	10.2 <sup>V</sup>	0.4	15.3 <sup>↑</sup>	1.1	17.5 <sup>V</sup>	0.8	16.4 <sup>V</sup>	0.6
R. J. Reynolds	2.3	0.1	8.3	0.5	8.8	0.4	10.9	0.4	14.9	0.7	18.5	0.7	16.3	0.5
TITL	2.3	0.1	8.7	0.4	9.2	0.4	11.2	0.4	15.5	0.6	19.4	0.8	18.0	0.9
Average	2.2	0.2	8.2	0.5	8.6	0.4	10.7	0.5	14.9	0.7	18.1	0.7	16.7	0.7

**Table IV.**

Sample	Puff													
	C1		C2		C3		C4		C5		C6		C7	
Laboratory	X	S	X	S	X	S	X	S	X	S	X	S	X	S
American	7.1	0.2	6.7	0.2	7.6	0.2	8.1	0.2	9.4	0.3	8.8	0.3	9.0	0.2
B & W	6.4	0.3	6.1	0.2	7.0	0.2	7.3	0.2	8.6	0.2	8.1	0.2	8.4	0.2
L & M	6.9	0.2	5.8	0.2	7.6	0.2	8.1	0.3	9.3	0.2	8.9	0.3	9.0	0.2
Lorillard	6.8	0.2	6.6	0.2	7.4	0.2	7.9	0.2	9.1	0.3	8.8	0.2	9.0	0.1
P. Morris	6.8 <sup>V</sup>	0.2	6.4 <sup>V</sup>	0.2	7.4 <sup>V</sup>	0.3	7.8 <sup>V</sup>	0.2	8.8 <sup>V</sup>	0.2	8.8	0.3	9.0	0.2
R. J. Reynolds	6.8	0.3	6.6	0.2	7.6	0.2	7.9	0.3	9.1	0.2	8.9	0.2	8.9	0.2
TITL	7.2	0.2	6.8	0.1	7.9	0.2	8.3	0.3	9.5	0.2	9.0	0.2	9.6	0.2
Average	6.9	0.2	6.6	0.2	7.5	0.2	7.9	0.2	9.1	0.2	8.8	0.2	9.0	0.2

\*Combined samples

PM3000880545

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Table V.

Sample	TPM										C6	C7	
	C1		C2		C3		C4		C5				
Laboratory	X	S	X	S	X	S	X	S	X	S	X	S	
American	1.2	0.2	6.5	0.5	10.1	0.3	15.6	0.8	22.1	0.8	22.4	0.5	21.8 0.6
B & W	1.4	0.2	6.2	0.4	9.8	0.3	14.2	0.9	20.3	0.8	22.1	0.8	21.8 0.7
L & M	1.6	0.1	7.1	0.3	10.4	0.3	16.4	0.9	21.1	1.0	23.2	1.0	23.5 0.7
Lorillard	1.3	0.1	6.5	0.4	9.8	0.6	16.1	1.3	21.4	1.2	23.1	0.7	21.7 0.9
P. Morris	1.5 <sup>†</sup>	0.3	6.8 <sup>†</sup>	0.4	9.7 <sup>†</sup>	0.3	14.8 <sup>†</sup>	0.6	21.0 <sup>†</sup>	0.5	22.1 <sup>†</sup>	0.8	21.8 <sup>†</sup> 1.3
R. J. Reynolds	1.4	0.2	6.6	0.3	10.6	0.4	15.2	0.5	20.6	1.1	23.0	0.7	22.0 0.7
TITL	1.4	0.1	6.6	0.3	10.6	0.4	15.5	0.6	21.3	0.7	23.2	0.6	23.3 1.0
Average	1.4	0.2	6.6	0.4	10.1	0.4	15.4	0.8	21.1	0.9	22.7	0.7	22.3 0.8

Table VI.

Sample	Water										C6	C7	
	C1		C2		C3		C4		C5				
Laboratory	X	S	X	S	X	S	X	S	X	S	X	S	
American	0.1	0.0	0.7	0.2	1.0	0.1	2.5	0.3	3.6	0.4	2.8	0.4	3.4 0.3
B & W	0.1	0.1	0.4	0.1	0.8	0.1	1.9	0.3	3.0	0.3	2.8	0.4	3.5 0.2
L & M	0.3	0.2*	0.8	0.0*	1.2	0.1*	3.0	0.4*	3.6	0.2*	3.6	0.4*	4.8 0.8*
Lorillard	0.3	0.1	0.4	0.2	0.7	0.1	2.7	0.7	3.6	0.7	3.1	0.3	3.4 0.5
P. Morris	0.1 <sup>†</sup>	0.0	0.5 <sup>†</sup>	0.1	0.8 <sup>†</sup>	0.1	1.8 <sup>†</sup>	0.2	3.2 <sup>†</sup>	0.3	2.7 <sup>†</sup>	0.3	3.2 <sup>†</sup> 0.6
R. J. Reynolds	0.2	0.1	0.6	0.1	1.1	0.1	2.3	0.2	3.3	0.4	3.1	0.3	3.9 0.5
TITL	0.3	0.2	0.6	0.1	1.0	0.1	2.3	0.3	3.3	0.3	2.9	0.2	3.7 0.4
Average	0.2	0.1	0.6	0.1	0.9	0.1	2.4	0.3	3.4	0.4	3.0	0.3	3.7 0.5

\*Combined samples